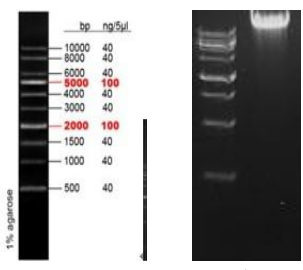
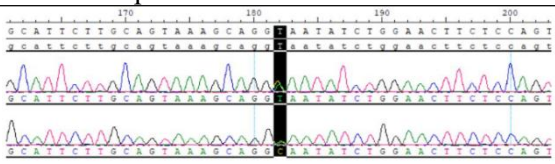


CERTIFICATE OF ANALYSIS

Product information

| | |
|----------------------|--|
| Name | BRCA2 p.A487V Reference Standard |
| Catalog No. | CBP10372 |
| Lot No. | CGD83346078 |
| Format | Genomic DNA |
| DNA Change | c.1460C>T |
| AA Change | p.A487V |
| Mutation Type | Missense Mutation |
| Zygotity | Heterozygous |
| %AF | 50.00% |
| Transcript | ENST00000380152 |
| Chr position(GRCh37) | chr13:32907075 |
| Copy Number | 2 |
| Ploidy | 1.96 |
| Buffer | Tris-EDTA |
| Storage Conditions | 4°C |
| Date of Manufacture | Sep.-25-2021 |
| Expiry | 36 months from the date of manufacture |


Quality Control

| Test Items | Standard | Results | Passed |
|--------------------------------------|---------------------|--|--------|
| Quantity | 1.00 µg/vial*1 vial | 1.00 µg/vial*1 vial | √ |
| Concentration | 40.00 ng/uL±10% | 38.80 ng/uL by Qubit 3.0 detection | √ |
| OD ₂₆₀ /OD ₂₈₀ | 1.7~2.1 | 1.90 by Nanodrop detection | √ |
| DNA electrophoresis | No Degradation | 1kb ladder  M: Marker 1: BRCA2 p.A487V Reference Standard | √ |
| Genotype | Positive |  By sanger sequencing | √ |

Caution:

For research use only.

If you have any questions about the Certificate of Analysis, please contact us.

Certified by:  Date:****

 Date:****